

<i>Gymnocladus dioicus</i>	Kentucky Coffee-tree	SC	Plant	
<i>Jeffersonia diphylla</i>	Twinleaf	SC	Plant	
<i>Lithospermum latifolium</i>	American Gromwell	SC	Plant	
<i>Ptelea trifoliata</i>	Wafer-ash	SC	Plant	
<i>Quercus muehlenbergii</i>	Chinquapin Oak	SC	Plant	
<i>Solidago caesia</i>	Bluestem Goldenrod	END	Plant	
<i>Trillium recurvatum</i>	Reflexed Trillium	SC	Plant	
<i>Thamnophis butleri</i>	Butler's Gartersnake	THR	Snake	
<i>Emydoidea blandingii</i>	Blanding's Turtle	THR	Turtle	

If the above listed natural communities (see items 1 & 2) are found to occur within the project impact area, a habitat survey should be conducted to determine the extent and quality of the community and whether there is potential for threatened and endangered species to occur at those locations. Historic species should be included in any surveys of suitable habitat, as well (see appendix A for these species). These habitats should be avoided if possible, especially if they contain threatened and endangered species. If threatened or endangered species are located in the project's impact area, then construction activities or locations may need to be altered to avoid impacting them.

The specific location of endangered resources is sensitive information that has been provided to you for the analysis and review of the project. Exact locations should not be released or reproduced in any publicly disseminated documents.

This letter addresses endangered resource issues and is for information purpose only. This letter does not constitute Department of Natural Resources authorization of the project and does not exempt the project from securing necessary permits and approvals from the Department.

Thank you for the opportunity to review this project and provide these comments. As the plans are developed for this project, please provide copies to this office for review and concurrence. If you have any questions, contact Mike Thompson at 414-263-8648.

Sincerely,



Mike Thompson
Southeast Region Environmental Analysis Team Supervisor
(414) 263-8648

~~Timothy T. Kennedy~~

Appendix A

Historic Endangered Resources Occurrences:

<i>Clinostomus elongatus</i>	Redside Dace	SC/N	Fish	
<i>Etheostoma microperca</i>	Least Darter	SC/N	Fish	
<i>Lythrurus umbratilis</i>	Redfin Shiner	THR	Fish	
<i>Acris crepitans blanchardi</i>	Blanchard's Cricket Frog	END	Frog	
<i>Rana catesbeiana</i>	Bullfrog	SC/H	Frog	
<i>Platanthera leucophaea</i>	Prairie White-fringed Orchid	END	Plant	
<i>Erigenia bulbosa</i>	Harbinger-of-spring	END	Plant	
<i>Conioselinum chinense</i>	Hemlock Parsley	END	Plant	
<i>Asclepias purpurascens</i>	Purple Milkweed	END	Plant	
<i>Astragalus neglectus</i>	Cooper's Milkvetch	END	Plant	
<i>Triglochin maritima</i>	Common Bog Arrow-grass	SC	Plant	
<i>Liatris spicata</i>	Marsh Blazing Star	SC	Plant	
<i>Carex tenuiflora</i>	Sparse-flowered Sedge	SC	Plant	
<i>Platanthera dilatata</i>	Leafy White Orchis	SC	Plant	
<i>Platanthera hookeri</i>	Hooker Orchis	SC	Plant	
<i>Cypripedium parviflorum</i> var. <i>makasin</i>	Northern Yellow Lady's-slipper	SC	Plant	
<i>Cacalia muehlenbergii</i>	Great Indian-plantain	SC	Plant	
<i>Calamagrostis stricta</i>	Slim-stem Small-reedgrass	SC	Plant	
<i>Thalictrum revolutum</i>	Waxleaf Meadowrue	SC	Plant	
<i>Cypripedium arietinum</i>	Ram's-head Lady's-slipper	THR	Plant	
<i>Cypripedium candidum</i>	Small White Lady's-slipper	THR	Plant	

Cooper, Carrie

From: Thompson, Michael C - DNR [MichaelC.Thompson@Wisconsin.gov]
Sent: Thursday, April 03, 2008 4:22 PM
To: Cooper, Carrie - DOT
Cc: Bump, Cameron M - DNR
Subject: DNR accepts invitation to be a Participating Agency for the DOT Zoo Interchange Corridor Study

<<Zoo Interchange Scoping Invite.pdf>>

Carrie,

I accept your invitation to be a participating agency for the DOT Zoo Interchange Corridor Study.

Thanks,

Mike

Michael C. Thompson

Team Supervisor

Environmental Analysis & Review Program

Bureau of Integrated Science Services

Wisconsin Department of Natural Resources

(☎) phone: (414) 263-8648

(☎) fax: (414) 263-8483

(✉) e-mail: MichaelC.Thompson@Wisconsin.gov



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, Wisconsin 53212-3128
FAX 414-263-8606
Telephone 414-263-8500
TTY Access via relay - 711

August 6, 2008

Carrie Cooper
Environmental Planner
Zoo Interchange Team
141 NW Barstow St.
Waukesha, WI 53187

Dear Ms. Cooper:

Thank you for the opportunity to review and comment on the Zoo Interchange Study's *Purpose and Need*, *Agency Coordination Plan*, and *Impact Analysis Methodology*.

The *Purpose and Need* explains that Zoo Interchange reconstruction is needed to address the deteriorated conditions and obsolete design of this section of the regional freeway system. The Department concurs with this assessment.

The *Agency Coordination Plan* describes how the Department can provide input on the Study. I suggest that the Plan reference, or include as an Attachment, the Cooperative Agreement between Wisconsin Department of Natural Resources and Wisconsin Department of Transportation November 2002. This Agreement is a basis for collaboration between our two State agencies.

The *Impact Analysis Methodology* describes how environmental impacts will be assessed. I recommend additional analysis in Sections 4, 10, and 13:

Section 4: Community and Residential Impact Methodology

Evaluate existing and projected pedestrian, bicycle, and transit accessibility and travel patterns in the study area.

Section 10: Section 4(f), 6(f) and Other Unique Lands Impact Methodology

Analyze potential aesthetic and traffic noise impacts to the Department Forestry Center and Hank Aaron State Trail.

Section 13: Water Resources/Floodplains/Storm Water Impact Methodology

Discuss flood control projects in the study area. Describe how stormwater management will be considered during the planning, design, and construction phases of the Zoo Interchange reconstruction process.

Thanks again for the opportunity to comment. Please contact me if you have questions or would like additional information. I would be glad to meet or speak with you.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael C. Thompson", with a stylized flourish at the end.

Michael C. Thompson
Environmental Analysis Team Supervisor
(414) 263-8648

Cc: Melissa Cook, DNR
Don Tills, DNR
Peter McMullen, DNR
Sharon Gayan, DNR
Jeff Weatherly, DNR



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, Wisconsin 53212-3128
FAX 414-263-8606
Telephone 414-263-8500
TTY Access via relay - 711

November 19, 2008

Ms. Carrie Cooper
Environmental Planner
Zoo Interchange Team
141 NW Barstow Street
Waukesha, WI 53187

Dear Ms. Cooper:

Thank you for the opportunity to review and comment on the Zoo Interchange Study's *Section 2 Alternatives* which describes the reconstruction alternatives that were considered, the evaluation of alternatives, the alternatives that have been retained for further study, and explains why other alternatives were eliminated from consideration. I have two comments:

Section 2.2.4.3 Modernization with No Added Capacity (6-Lane) Alternative

Describe the 6-Lane Alternative's improved traffic operations and their affect on the existing level of service.

Section 2.3.2 High-Occupancy Vehicle/High-Occupancy Toll Lanes

Discuss whether High-Occupancy Vehicle/High Occupancy Toll (HOV/HOT) lanes could be added to a modernized six or eight lane interchange in the future.

Please contact me if you have questions or would like additional information. I would be glad to meet or speak with you.

Sincerely,

Michael C. Thompson
Environmental Analysis Team Supervisor
(414) 263-8648

cc: Peter McMullen, DNR